PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference PCT 21537Y	FOR FURTHER ACTION	See item 4 below		
International application No. PCT/US2004/035846	International filing date (day/month/year) 27 October 2004 (27.10.2004)	Priority date (day/month/year) 30 October 2003 (30.10.2003)		
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237				
Applicant MERCK & CO., INC.	·			

1.	. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).				
2.	This REPORT consists of a total of 5 sheets, including this cover sheet.				
	In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.				
3.	This report contains indications	relating to the following item	is:		
	Box No. I	Basis of the report			
	Box No. II	Priority			
	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability			
	Box No. IV	Lack of unity of invention			
	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
ŀ	Box No. VI	Certain documents cited			
	Box No. VII	Certain defects in the international application			
	Box No. VIII	Certain observations on the international application			
4.	4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis.2).				
Date of issuance of this report 01 May 2006 (01.05.2006)					
The International Bureau of WIPO			Authorized officer		
34, chemin des Colombettes 1211 Geneva 20, Switzerland			Yoshiko Kuwahara		
Facsin	nile No. +41 22 740 14 35	 	Telephone No. +41 22 338 90 90		

Form PCT/IB/373 (January 2004)

PATENT COOPERATION TREATY

From the NTERNATIONAL SEARCHING AUTHORI	TY		REC'D 18	MAR, 2005
To: MERCK & CO., INC.		PCWPO PCT		PCT
126 EAST LINCOLN AVENUE RAHWAY, NJ 07065-0907		WRI	TTEN OPINION OF	THE
			NAL SEARCHING	
			(PCT Rule 43bis.1)	
	(Date of mailing day/month/year)	16 MAR 2	2005
Applicant' s or agent's file reference	F	FOR FURTHER ACTION See paragraph 2 below		
PCT 21537Y				lagr)
International application No.	ternational filing date (da	y/month/year)		
PCT/US04/35846 27	October 2004 (27.10.20	04)	30 October 2003 (30.10.2	(003)
International Patent Classification (IPC) or b	ooth national classification	and IPC		
IPC(7): C07C 255/59 and US Cl.: 558/390				
Applicant MERCK & CO., INC.				
1. This opinion contains indications relatin	ng to the following items:			
Box No. I Basis of the opi	Box No. I Basis of the opinion			
Box No. II Priority				
Box No. III Non-establishm	Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability			plicability
Box No. V Reasoned state applicability; c	No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
Box No. VI Certain docum	Box No. VI Certain documents cited			
Box No. VII Certain defects	s in the international appl	al application		
Box No. VIII Certain observ	vations on the internationa	al application		
2. FURTHER ACTION				
If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.				
If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.				
For further options, see Form PCT/ISA/220.				
3. For further details, see notes to Form	PCT/ISA/220.		- A A	12
Name and mailing address of the ISA/ US		Authorized offic	110000	wats
Mail Stop PCT, Attn: ISA/US Commissioner for Patents		Laura L. Stockt	on, Ph.D.	
P.O. Box 1450 Alexandria, Virginia 22313-1450		Telephone No.	703/308-1235	

Facsimile No. (703) 305-3230
Form PCT/ISA/237 (cover sheet) (January 2004)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.	
PCT/US04/35846	

Box No. I Basis of this opinion
 With regard to the language, this opinion has been established on the basis of the international application in the language in white it was filed, unless otherwise indicated under this item.
This opinion has been established on the basis of a translation from the original language into the following language which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
a. type of material
a sequence listing
table(s) related to the sequence listing
b. format of material
in written format
in computer readable form
c. time of filing/furnishing
contained in international application as filed.
filed together with the international application in computer readable form.
furnished subsequently to this Authority for the purposes of search.
In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:
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Form PCT/ISA/237(Box No. I) (January 2004)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US04/35846

Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability					
 The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non-obvious), or to be industrially applicable have not been examined in respect of: 					
	the entire international application				
X	claims Nos. <u>1-6 and 8-15</u>				
الاسكا	, <u>y Guilla G 13</u>	·			
becau	se:				
	the said international application, or the sa require an international preliminary exam	id claim Nos relate to the following subject matter which does not ination (specify):			
	•				
		·			
		•			
the description, claims or drawings (indicate particular elements below) or said claims Nos. 1-6 and 8-15 are so uncl no meaningful opinion could be formed (specify):					
	In these claims, numerous variables {e.g., Ar ¹ , Ar ² , Ar ³ , R ¹ , R ² , etc.}, their voluminous involved meanings, their large number of permutations and combinations and the list of compounds in claims 7 and 8 make it virtually impossible to determine the full scope for which protection is sought. As presented, the claimed subject matter cannot be regarded as being a concise description for which protection is sought and as such, the claims do not comply with the requirements of PCT Article 6. Thus, it is impossible to carry out a meaningful timely search on same. A search will be provided on the first discernable invention which is the first compound listed in claim 7.				
	the claims, or said claims Nos are so inadequately supported by the description that no meaningful opinion could be formed.				
	no international search report has been es	tablished for said claims Nos			
	the nucleotide and/or amino acid sequence listing does not comply with the standard provided for in Annex C of the Administrative Instructions in that:				
	the written form	has not been furnished			
		does not comply with the standard			
	the computer readable form	has not been furnished			
		does not comply with the standard			
		amino acid sequence listing, if in computer readable form only, do not comply for in Annex C-bis of the Administrative Instructions.			
	••				

Form PCT/ISA/237 (Box No. III) (January 2004)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US04/35846

Box No. V Reasoned statement under Rule	e 43 bis.1(a)(i) with regard to novelty, inver	ntive step or industrial
applicability; citations and expla	anations supporting such statement	
1. Statement		
Name (ND	Claims 7 (in-part)	YES
Novelty (N)		NO
	<u> </u>	
Inventive step (IS)	Claims 7 (in-part)	YES
	Claims NONE	NO
		4120
Industrial applicability (IA)	Claims 7 (in-part)	YES
	Claims NONE	NO
2. Citations and explanations:	A distance (2) hosping the prior art does not te	ach or fairly suggest the first
Claim 7 (in-part) meets the criteria set out in PCT compound listed in claim 7.	Article 33(2)-(3), because the prior art does not to	uon or many 5488-55 are seen
compound noted in out.		
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